Notes on these Operating Instructions

The operating instructions and installation guidelines have been organized so that subject-related information can be easily found using the contents list.

> **Note**
>
> You will find comprehensive Operating Instructions for navigation on DVD and at the online help of the device.

The section "Frequently Asked Questions" contains answers to questions that are frequently addressed to our customer service department.

Document Your Navigation Unit

It is important to record the details of your Navigation Unit and the purchase thereof. In the event you require warranty support you may be asked for this information. The serial number can be found on the back of the device:

Serial Number	.....
Password	.....
Information note	.....
SuperPIN	.....
UUID	.....
Date of Purchase	.....
Place of Purchase	.....

Please record the serial number into any appropriate guarantee documents.

You will enter your own password and information note using the Security Function.

The SuperPIN and the UUID will be provided following the activation of the Security Function. See Page 17.

Quality

The components used have been selected to provide a product that has a high level of functionality and is user friendly, safe and reliable. A well-balanced hardware and software design allows us to offer you a technologically advanced navigation system, which is both practical and enjoyable to use.

Service

Our customer care is there to provide support and assistance whenever you have questions or are experiencing problems.

This manual contains a section specific to Customer Service starting on page 41.

Copyright © 2010, version 05/01/2010. All rights reserved. Microsoft®, MS-DOS®, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries. Pentium® is a registered trademark of Intel Corporation. The names of actual companies and products mentioned herein may be the trademarks of their respective owners. Information in this document is subject to change without notice.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Contents

Safety and Maintenance 1
Safety Instructions 1
Data Security 1
Operating Environment 2
Repair 2
Ambient temperature 2
Electromagnetic Compatibility 3
Connection 3
Power supply through Car Adapter 3
Cabling 3
Information about the Regulatory Compliance according to R&TTE 4
Battery Operation 4
Cleaning and Maintenance 4
Care of the Display 5
Recycling and Disposal 5
Transport 6
Supplied Items 7
Views 8
Front Components 8
Back Components 9
Bottom Components 9
Top Components 10
Initial Set up 11
I. Charging the Battery 11
II. Power Supply 12
Car adapter 12
Alternative possibility of charging the battery 12
III. Switching on the Device 13
IV. Installing the Navigation Software 14
General Operating Instructions 15
Switching on/off the device 15

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Security **16**
Storing the password and the information note 16
Making settings 17
SuperPIN and UUID 18
Making subsequent settings 19
Password Request 20
Resetting the Navigation System **21**
Reset 21
Switching the Device off Completely / Hard Reset 22
Navigation **23**
Safety Instructions for Navigation 23
General Instructions 23
Notes for Use in a Vehicle 24
Aerial Orientation 25
I. Mounting the Car Holder 25
II. Attaching the Navigation System 26
III. Connecting the Car Adapter 27
IV. Starting the Navigation Software 28
Warning function for traffic monitoring points **29**
Picture Viewer **32**
Operating the Picture Viewer 32
Main Screen 32
Full Image View 33
Travel Guide **35**
AlarmClock (Waking function) **38**
Overview of the main screen 38
Description of the Interfaces 39
Setting the System Time 40
Selecting an Alarm Signal 41
Setting the Volume 42
Snooze Function 43
Ending the Alarm Clock Application 43
Sudoku **44**
Main Screen 44
Description of the switch fields 45
Overview of the game area 46
Description of the switch fields 46

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

FAQ **47**
Customer Service **48**
Faults and Possible Causes 48
Additional Support 48
Appendix **49**
Special CleanUp Function 49
Synchronisation with the PC 52
I. Installing Microsoft® ActiveSync® 52
II. Connecting with the PC 53
Mass Storage Mode 53
ActiveSync® mode 54
Alternative possibility of charging the battery 54
III. Working with Microsoft® ActiveSync® 55
GPS (Global Positioning System) 56
TMC (Traffic Message Channel) **57**
Pay TMC 57
Connecting an additional TMC Dipole Aerial (optional) 58
Working with Memory Cards 58
Inserting Memory Cards 59
Removing Memory Cards 59
Accessing Memory Cards 59
Data Exchange via Card Reader 60
Additional Card Material 60
Transfer of card material to a memory card 60
Alternate method of installing Navigation Software (using a Memory Card) 61
Transferring Installation Files and Map Material to the Internal Memory 61
Specifications **62**
Index **63**

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Safety and Maintenance

Safety Instructions

Please read this section carefully and follow all the instructions provided. This will help ensure reliable operation and prolong the life for your appliance.

Keep the packaging and the user instructions for future reference or inquiries at a later date. If you pass the article on to another person, you should pass on these instructions.

- Never allow children to play with electrical equipment unsupervised.
- Keep the packing materials, such as plastic bags away from children as there is a danger of suffocation.
- Please operate your navigation system with an approved power supply only.
- Never open up the housing of the appliance or the power adapter. These contain no user-serviceable parts. If the housing is opened there is a danger of electric shock.
- Do not place any objects on the appliance and do not exert any pressure on the display. Otherwise there is a danger that the screen will break.
- To avoid damage, do not touch the screen with sharp objects. We recommend using only the stylus provided or finger when using the touch-screen functionality of the product.
- There is a risk of injury if the display breaks. If this should occur, use protective gloves to pack the broken parts and contact customer support to arrange for disposal. Then wash your hands with soap, since there is a possibility that chemicals may have escaped.

Remove the power adapter from the outlet, switch the appliance off immediately, or do not switch it on, and contact Customer Service.

- If the housing of the appliance or the power pack becomes damaged or liquid may have leaked into it the components must be checked by Customer Service in order to avoid damage!

Data Security

- Every time your data is updated or modified backup copies should be made on an external storage medium. The supplier assumes NO liability for data loss or damage to data storage units, and no claims can be accepted for damages resulting from the loss of data or for consequential damages.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Operating Environment

Failure to follow these instructions may lead to your appliance being damaged. In cases where products are damaged as a result of misuse of neglect the associated guarantee will be considered void.

- Keep your navigation System and all connected devices away from moisture and avoid exposure to dust, heat and direct sunlight, especially in the car.
- Make sure you prevent your appliance from getting wet, e.g. from rain and hail, at all times. Please note that moisture can even build up inside a protective pouch as a result of condensation.
- Avoid heavy vibrations and shaking.
- Please note the device should be installed vertically, this will ensure that the device remains secured within its holder.

Repair

- Please contact our Service Center if you encounter technical problems with your appliance.
- In the event repair becomes necessary, please use only our authorized Service Partners. You will find the address on the back of your guarantee card.

Ambient temperature

- The appliance will operate effectively at an ambient temperature of between +32°F and +95°F (0° C and 35° C) and at a relative humidity of between 10% and 90% (non-condensing).
- In the powered down state the appliance can be stored at between -4°F and +140°F (-20°C and +60°C).
- Store the appliance in a safe location, away from high temperatures (e.g. when parking or from direct sunlight).

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Electromagnetic Compatibility

- When connecting additional or other components the “Electromagnetic Compatibility Directive” (EMC) must be adhered to. Please note that only screened cable (maximum 10ft) should be used with this appliance.
- For optimal performance, maintain a distance of at least 10 ft. from sources of high-frequency and magnetic interference (televisions, loudspeaker systems, mobile telephones etc. This will help to avoid malfunctions and loss of data.
- Electronic devices emit electromagnetic waves during operation.
  These emissions are harmless, but can interfere with other devices operated in close proximity.
  While our devices are tested and optimized for electromagnetic compliance in our laboratories, interference during operation may still occur in the device itself and with other devices in its proximity.
  Should such interference occur, try to eliminate it by adjusting the positions of and the distances between the devices.
  Before driving, please ensure that the electronic systems of the car are working properly.

Connection

When connecting your appliance it is important to observe the following instructions:

Power supply through Car Adapter

- The car adapter should only be connected to the lighter socket of a car (car battery = DC 12V⎓, truck battery = DC 24V ⎓). If you are in any doubt about the power source in your car, please contact your car manufacturer.

Cabling

- Arrange cables so that they do not cause unnecessary obstruction or risk entanglement or snaring. E.g. ensure that the cables cannot be trod on, or tripped over.
- Do not put any objects on the cable, because it could be damaged if you do so.
- Do not use any force and pay attention to the correct orientation of the plug when connecting the cables and plugs.
- Do not permit any great forces to be exerted on the plug connections, from the side, for example. This will lead to damage in and to your device if you do so.
- Avoid short circuiting and broken cable by not crushing or bending it sharply.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Information about the Regulatory Compliance according to R&TTE

The following radio equipment has been supplied with this device (optional):

The company declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Complete declarations of conformity are available under www.medion.com/conformity.

CE

Battery Operation

Your appliance is powered by an integrated battery. In order to prolong the life and efficiency of your battery and ensure safe operation, follow the instructions below:

- Batteries cannot withstand excessive heat. Take care to avoid overheating of appliance and the integrated battery. Failure to comply with this instruction may lead to damage to or, even explosion of the battery.
- Only use the car adapter to charge the battery from the navigation kit.

- **Pb** The batteries are special category waste. When disposing of the appliance ensure that this is done correctly. Contact Customer Service for more details.

Cleaning and Maintenance

> **Warning**
>
> There are no user-serviceable or parts which require cleaning inside the housing of the appliance.

You can prolong the life of the appliance by taking the following simple steps:

- Always remove the power plug and all connecting cables before cleaning.
- Clean the appliance only with a damp, lint-free cloth.
- Do not use solvents, caustic or gaseous cleaners.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Care of the Display

- Avoid scratching the display surface as this may be easily damaged. We recommended using a display protection film (mylar) to prevent scratching to the screen. Please contact your nearest dealer for this accessory.
  The foil on the display at delivery is purely for protection during transportation!
- Ensure that no traces of water remain on the screen. Water can cause irreversible discoloration.
- Use only a soft, lint-free cloth to clean the screen.
- Do not expose the screen to strong sunlight or ultraviolet radiation.

Recycling and Disposal

The device and its packaging are recyclable.

Device

At the end of its life, the appliance must not be disposed of in household rubbish. Consult your local waste disposal company to enquire about environmentally-friendly options for disposal.

Packaging

To avoid damage during transport, the appliance is supplied in protective packaging. The majority of packaging is manufactured from materials which can be disposed of in an environmentally friendly manner and be recycled professionally.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Transport

When transporting the appliance please follow the instructions below:

- After transporting the appliance wait until the unit has acclimatised and adjusted to surrounding conditions (e.g. room temperature and humidity) prior to use.
- In the event of large fluctuations in temperature or humidity, condensation or moisture may form inside the appliance. This can cause an electrical short-circuit.
- In order to protect the appliance from dirt, knocks and scratching, please use an appropriate protective case.
- Before travelling ensure that you are aware of the power and communications provisions at your destination. Before travelling obtain any power or communications adapters that may be required for the operation of your device.
- When shipping your appliance we recommend using the original packaging. If the original packaging isn't available please contact customer service for advice.
- When passing through baggage control at airports, it is recommended that you pass the appliance and all magnetic storage media (external hard drives) through the X-ray system (the machine on which your bags are placed). Avoid the magnetic detector (the structure through which you yourself pass) or the magnetic wand (the hand device that the security staff use), since this may corrupt your data.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Supplied Items

Please check the condition of items supplied and check for missing items using the list below. If you find your package to be incomplete, please forward us all claims for missing items within 14 days from the date of purchase.

The package should include the following:

- Navigation system
- Power cable for cigarette lighter
- Car holder
- TMC dipole antenna
- USB cable
- Adapter 2.5mm to 3.5 mm for earphones
- DVD with navigation software, digital maps, ActiveSync®, data for rapidly resetting the contents of the memory card/internal memory
- Instruction manual and warranty card

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Views

Front Components

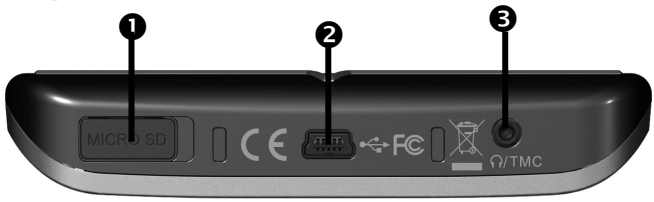
Ref	Component	Description
❶	Battery charge indicator	The LED will flash **orange** during the charging process. It will shine constant **green** when the accumulator is fully charged.
❷	Touch Screen	Displays the output of your appliance. Tap on the screen with the stylus (found in the holder, see page 26) to select menu commands or enter data.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Back Components

Ref	Component	Description
❶	Loudspeaker	Provides audible language statements and warnings.

Bottom Components



Ref	Component	Description
❶	Slot for memory card	Accepts an **optional** memory card for removable storage.
❷	Mini-USB-Connector	Connection for connecting to a PC by means of a USB cable (for data transfer) as well as connection to external power supply.
❸	Headphone connection	Connection for a pair of stereo headphones Using this appliance at full or high volumes for extended periods of time may cause damage to the hearing of the listener. You also have the possibility to connect a TMC dipole antenna here.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Top Components

Ref	Component	Description
❶	On/Off button	Turn the device on or off by pressing and **holding** the **On/Off button**. You will switch to the stand-by mode or reactivate the device by quickly pressing the button.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Initial Set up

The following is a step by step guide to assist in the initial Set-up of the navigation system.
Start by removing the protective plastic sheet from the display.

I. Charging the Battery

The battery of your navigation system can be charged in the following ways:

- Using the supplied car adapter,
- using a suitable USB cable or
- by using a mains adapter (purchased as an optional extra).

> **Attention!**
>
> It may be necessary to initially charge the battery for a considerable period of time prior to commencing and running through the initial installation, this is dependent on the level of charge held at the time by the internal battery.

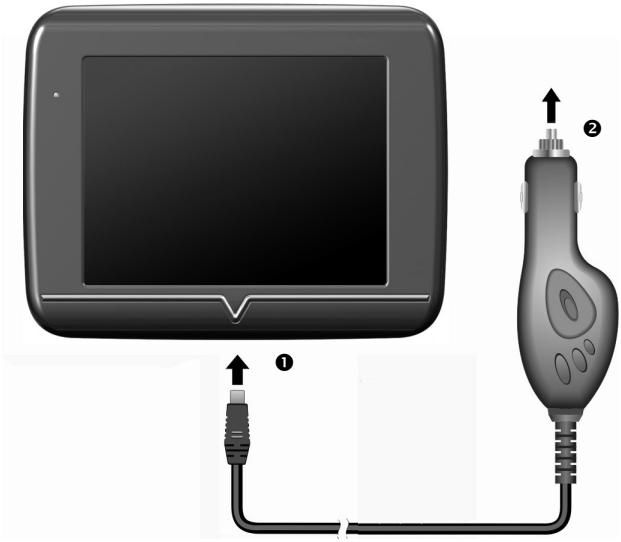
Please observe the following notes:

- The charging status display LED will flash **orange** until the navigation system is charged. If possible, do not interrupt the charging process until the battery is fully charged. This may take a few hours. The charging status LED will shine constant **green** if the battery has a high level of charge. Leave the device charging for 20 further minutes, to ensure the battery is charged-up fully.
- The navigation system can be used during the charging process, but the power supply must not be interrupted during initial set-up.
- Leave the external power supply connected to the navigation system for around 24 hours, so that the backup battery also charges-up fully.
- The external power supply can remain connected; this is recommended for continuous operation.
- Even after a power source has been connected to the device it may take several minutes until the device is once again ready to operate again, this occurs if the charging state of the battery is exceptionally low. The battery will continue to be charged if the power supply is connected and the device is switched off.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

II. Power Supply

Car adapter



1. Plug the jack (❶) of the connection cable into the corresponding receptor at the bottom of your navigation system.
2. Insert the power adapter (❷) into the cigar lighter socket ensuring, that it will not lose contact while driving. This could cause a malfunction.

Alternative possibility of charging the battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable.

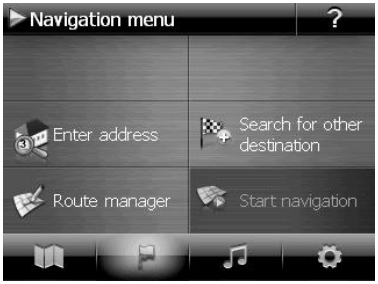
No additional software or updates are required for your PC to perform this function. Do not interrupt the charging process if possible during the initial charge.

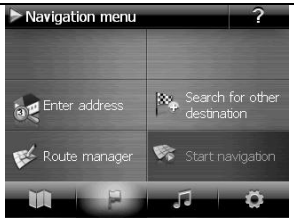
> **Note**
>
> The brightness will be adjusted downwards, if necessary, if a USB connection is being set up when the device is switched on.
>
> It is recommended to set the device to the stand-by mode, in order to shorten the charging time by USB.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

III. Switching on the Device

You will switch your navigation device on or off again completely by **pressing** the **On/Off key** for a **long** time (> 3 sec.). The Navigation System will start the initial installation automatically. First of all choose the requested language. The brand logo will appear and after some seconds your device shows the following screen:



Button	Description	Screen
	Menu Map overview	
	Navigation menu	
	Other applications	
	Settings	

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Note

You will not be able to select the Navigation Menu or Settings, if the navigation software has not found any map data in the device or on the memory card. Then, the **'Other applications'** Menu will appear automatically.

Note

Brief pressure on the **On/Off button** will be enough to switch the device on or off, provided that your navigation system is connected to an external source of electricity or is running in battery operation (standby mode). The device will be reactivated by **pressing** the On/Off button once .

You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device. Your device is delivered in a status in which it will not switch off independently.

Press and hold the **On/Off key** (> 3 sec.), to completely switch off the device.
No data will be lost as data is stored in the internal memory. The starting process will only take slightly longer.

Your navigation system will use a low amount of electricity and the batteries will be discharged, even when in standby mode.

IV. Installing the Navigation Software

The final installation of the navigation software will take place automatically from the internal memory, during the initial setting up, if your device has already been equipped with the basic data of the navigation software at the factory. Follow the instructions on the screen.

An optional memory card must always be inserted in the device while the navigation system is being used.

It will be necessary to carry out a Reset to restart the navigation system if the memory card has been removed (see page 21).

Please also read the chapter **Navigation** starting on page 23.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

General Operating Instructions

Switching on/off the device

Your device will be in its normal operating state after the initial setting up. You can activate and deactivate your device with the On/Off button.

1. To start your navigation system press briefly the On/Off button. The battery charge indicator will blink briefly and the application screen will appear.

> **Note**
>
> Your device is delivered in a status in which it will not switch off independently. You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device.
>
> Your navigation system will use a low amount of electricity and the batteries will be discharged, even when it is in the standby mode.

2. To switch off your navigation system briefly press the Power button.
The following screen will appear:

You have three possible choices:

Button	Description
	Cancel/Back Return to previous view with this key, if you have accidently called up this screen.
	Standby Mode The device will go into Standby Mode if this key is clicked.
	Reset You can carry out a reset by tapping this key.

The device will go into the Standby mode automatically after a few seconds if you do not want to select any of these three possibilities.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

For further settings within the Standby mode also see the chapter on “Special CleanUp Function”, page 49, point 8.

This display will also appear after the delay period of a few seconds has expired, if you have activated the DC AutoSuspend Comfort Function.

Security

You have the possibility of protecting your device against external access by means of this function. Some one-off settings will have to be made before you will be able to use this function. Proceed as follows to do this:

Storing the password and the information note

1. First tap on **Settings** in the main screen and then on **Device settings**.
2. Tap on **Security**, in order to start the respective function. The following display will appear:

3. Tap on , in order to enter a password.
4. A keyboard will appear. Enter a password with it.

> **Note**
>
> The password must consist of at least 4 symbols. Use a combination of letters (A - Z) and numbers (0 - 9). Keep the password in a safe place.

5. Confirm the password with the symbol after you have entered it.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

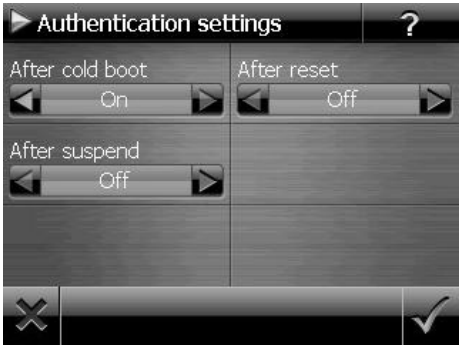
6. Enter the password in the second field to reconfirm it and in order to avoid potential careless mistakes.

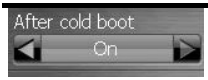
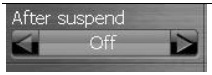
> **Note**
>
> The password will be displayed in the form of small stars (****).

7. An additional text field will appear after you have entered the password. Enter an information note here that will serve as a support for remembering your password. You will be able to call up this information if you have forgotten or mislaid the password.

Making settings

The following selection window, through which you will make the settings for the Security Function, will appear after you have entered the password and the information note successfully.



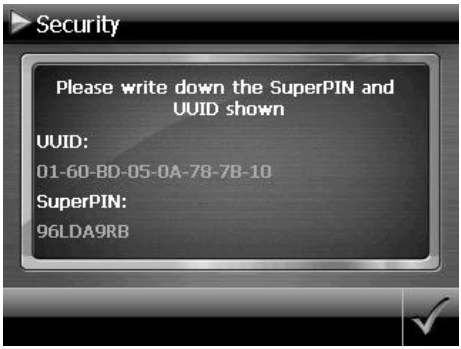
Button	Description
	Set here whether the device should request the password after a hard reset.
	Set here whether the device should request the password after a restart.
	Set here whether the device should request the password after the device has been switched on from the Standby mode.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Confirm your settings with during the set-up. The following screen will appear:

SuperPIN and UUID

The SuperPIN and the UUID (**Universally Unique IDentifier** = definite device identification) will appear on the display after you have confirmed the settings.



Note

Record this data in your Operating Instructions (see Page 1) and keep them in a safe place.

You will need this information if you have entered the password incorrectly 3 times. The navigation device can then only be released with this information.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Making subsequent settings

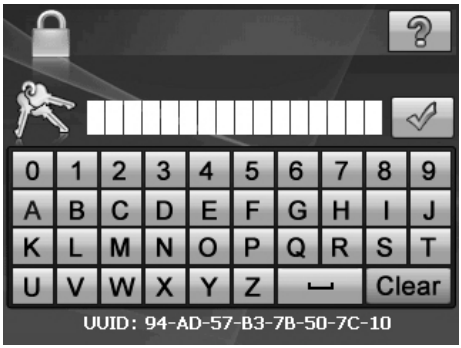
Start the Security Function if you have already entered a password and would like to make a subsequent setting or to change the password. The following display will appear:

Button	Description
Active profile settings	Change the password or the information text
Authentication settings	Authentication settings (see Page 17, Making settings)
Show SuperPIN	Display SuperPIN and UUID (see Page 18)
Restore to standard	Reverses the complete security function. All security settings and passwords will have been deleted after this function has been carried out. You will have to enter and confirm your password again to be able to carry out the security function.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Password Request

A password request will appear at the restarting of the device, according to the setting, if you have established a **password** by means of the Security Function.



1. Enter the password stored by you by means of the keyboard.

> **Note**
>
> The password will be displayed in the form of small stars (****).

2. If you tap the question mark, the hint text you have established will be shown.
3. Tap on to confirm the entry.

> **Note**
>
> You will have to enter the SuperPIN if you have entered the password incorrectly 3 times. Contact your Service Center, giving the UUID, if you have also mislaid it. The UUID will be faded out in the lower display.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Resetting the Navigation System

You can reset your navigation system if it is no longer reacting or working properly.

This option restarts the navigation system, without reinstallation being necessary. A reset is often used in order to reorganize the memory. In doing so all programs that are running are interrupted and the working memory is reinitialized.

You can carry out two different Reset procedures with your device.

Reset

The following screen will appear if you press the On/Off switch for a short time. The following display appears:

1. If you want to carry out a Reset, tap on .

You will find further information in the chapter “Switching on/off the device”, page 15.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Switching the Device off Completely / Hard Reset

Attention!
A hard reset will delete all data in the temporary memory.

Your navigation system will normally be in the Standby Mode, if you have switched it off by pressing the on/off button briefly. In addition, the system can be switched off completely; the consumption of energy can be kept as low as possible through this. All the data in the temporary memory will be lost if the device is switched off completely (hard reset).

To switch your navigation system off completely:

1. Press and **hold** the **On/Off key (> 3 sec.),** to switch off the device.
2. Press and **hold** the **On/Off key (> 3 sec.),** to switch the device on again.

A reinstallation will **not** be necessary after a hard reset if your device has already been equipped with the basic data of the navigation software in the permanent memory at the factory.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Navigation

Safety Instructions for Navigation

The bundled product DVD contains a comprehensive instruction manual.

General Instructions

- Do not manipulate the navigation system while driving to protect yourself and others from accidents!
- In the event that you do not understand the voice instruction or if you are in any doubt about what to do at the next intersection, then the map or arrow display will provide you with a quick orientation. Only look at the display when you are in a safe driving situation!

Legal remark

The use of devices that warn for traffic monitoring systems (like speed traps) is prohibited in some countries, like Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the warning function only where allowed. We cannot be held liable for damages caused by the use of the warning function.

Attention!

The road layout and driving rules take precedence over the instructions of the navigation system. Only follow the instructions when circumstances and driving rules permit it! The navigation system will guide you to your destination even when you have to deviate from your planned route.

- The direction statements of the navigation system given do not release the driver of the vehicle from his or her duty of care or personal responsibility.
- Plan routes before you leave. If you want to plan a new route whilst on the road pull over and stop driving.
- In order to receive the GPS signal correctly, keep away from metal objects as they may hinder reception. Attach the navigation system onto the inside of the windscreen or near the windscreen with the suction cup. Try out different positions in your vehicle in order to find the best reception.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Notes for Use in a Vehicle

- Take care that the holder does not present any risk to safety, even in the case of an accident, when installing it.
- Take care that the cable does not impede any safety components.
- The display of your navigation system may show “light reflections”. Please take care of not being “blinded” during operation.
- Do not mount the components within the operating range of any airbags.
- Check the secure adherence of the suction cup at regular intervals.
- The power plug will consume power, even if no device is connected. Remove it when not in use to avoid draining the car battery.
- Check all safety equipment in your car after installation.

Note

Do not leave your navigation software in the vehicle when you leave it. You should also uninstall the holder for security reasons.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Aerial Orientation

The aerial must have unrestricted access to the sky to receive GPS satellite signals. Place the aerial as horizontally as possible for this reason. Try out aerial and installation possibilities in the vehicle if the reception is inadequate.

I. Mounting the Car Holder

Attention!

Only fix the holder for the navigation system to the windscreen, if it does not impede the view.

Note

Your navigation device can also be equipped with a different but similar vehicle attachment as an alternative, according to the version.

Note

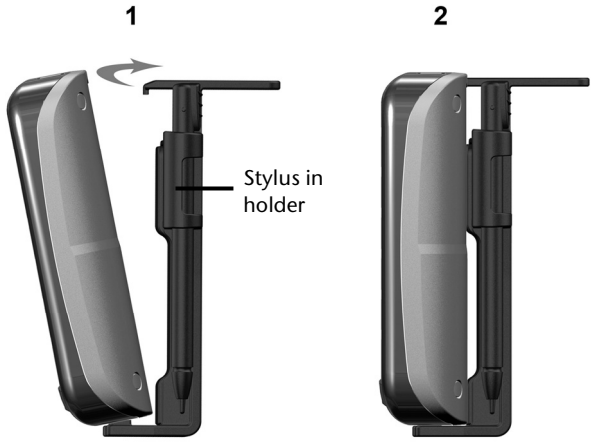
Clean the disk thoroughly with a glass cleaner. Warm the disk and the nipple slightly at temperatures below 59°F (15° C).

Place the holder with the suction head directly onto the wind screen and press the lever on the suction head downwards. The sucker will attach itself to the background firmly.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

II. Attaching the Navigation System

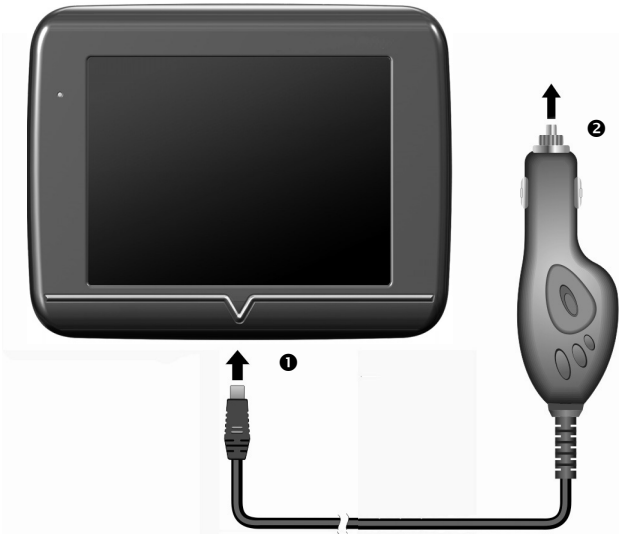
1. Connect the car adapter and, if necessary, the TMC aerial to your navigation system and insert the memory card.
2. Place the device below in the centre of the holder.
3. Press it gently **backwards** (❶) until it engages audibly (❷).



4. Place the holder on the fixing catches of the car holder.
5. Now, push the unit **to the side** until it engages audibly.
6. Now you will be able to place the complete unit on the cleaned windscreen.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

III. Connecting the Car Adapter



1. Plug the jack (❶) of the connection cable into the corresponding receptor at the bottom of your navigation system (see Page 9).
2. Insert the power adapter (❷) into the cigarette lighter socket and ensure, that it will not lose contact while driving. This could cause a malfunction.

> **Note**
>
> Remove the power adapter from the cigarette lighter socket when ending a trip or when parking the car for a extended period of time. Otherwise the car battery could be drained. In this case use the power switch to turn off the navigation system.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

IV. Starting the Navigation Software

> **Note**
>
> Your memory card will always have to be inserted into the device during the use of the navigation system, if the card contains (additional) mapping material.
>
> It will be necessary to carry out a reset to restart the navigation system if the memory card has been removed while the system was being used (see page 21). According to the navigation system the reset is carried out automatically.

1. Switch on your navigation system.
2. The Navigation software will start automatically or after tapping on the navigation control button on the main screen, according to the version.
3. Tap on **Navigation** on the screen for entering the destination. Enter the destination address. Confirm your entry by tapping the symbol to start the navigation. After a short time, if the satellite reception is adequate you will receive augmented language statements.

Further information regarding the navigation software can be found on the comprehensive manual on your DVD. This is a PDF-file you can read and print with any Acrobat Reader.

> **Note**
>
> The GPS-receiver will require some minutes for initialization when deployed for the first time. Even when GPS signal reception is indicated the navigation could be imprecise. In all future instances it will take about 30-60 seconds until a correct GPS-signal is available, sufficient “sight” of the satellite is a prerequisite.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

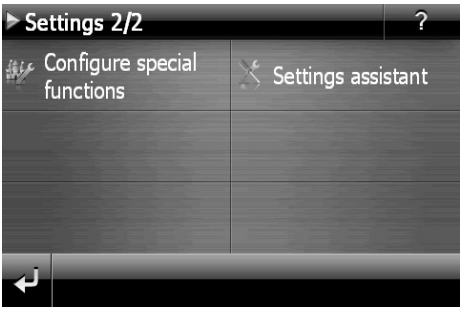
Warning function for traffic monitoring points

The following display will appear if the warning function for traffic monitoring points (**optional**) has been installed:

Hint
In some countries, the use of devices which give warnings about speed cameras may not be allowed. The manufacturer asks that you inform yourself of the local regulations and only use the speed camera warning where it is permitted.

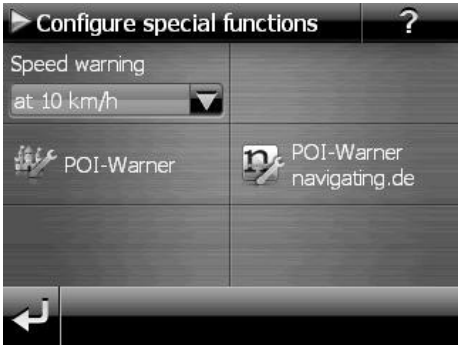
Confirm with , if you want to use navigation with the warning function for traffic monitoring points.

Tap on the **Configure special functions** interface in the **Settings** Menu, in order to configure the warning function.



UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

The following screen appears. Tap on **POI-Warner**:



Tap on **Speed cam (stationary)** here, in order to make the settings for the 'radar fixes':

Here, you have the option of having the traffic monitoring points represented on a map or faded out. You can also set whether you would like to be informed by acoustic signals before reaching a traffic monitoring point.

Acoustic information about a traffic monitoring point will be given by a warning sound approx. 15 seconds before it is reached. Then, another double warning sound will be given approx. 7 seconds before it is reached. Four warning sounds will give information

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

that the speed is too high. In addition, the distance to a monitoring point will be indicated by a bar indicating closeness (left lower edge of the display).

Sample view if map presentation has been activated:

Note

Please pay attention to the fact that traffic monitoring points are not preset in all countries.

*** Legal remark**

The use of devices that warn about traffic monitoring systems (like “speed traps”) is prohibited in some countries, i. e. Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the warning function only where allowed. We cannot be held liable for damages caused by the warning function.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Picture Viewer

Your navigation system is equipped with a **Picture Viewer**.

You can view the jpg format images on your memory card on your navigation system, with the **Picture Viewer**. All the images on the memory card will be available immediately.

Operating the Picture Viewer

Start the Picture Viewer from '**Other applications**' Menu by tapping on the **Picture Viewer** switch.

Main Screen

Fig.: Miniature view

Move the miniature view to the left or to the right with the **arrow keys**. Tap on a specific images to display it in the Full Image Mode.

Return to the start in miniature view by tapping on .

You can end the application by tapping on the symbol.

Start the **slide show** by tapping the symbol.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Full Image View

Fig.: Full image view without service strip

Tap in the **lower** area of the screen in the full image view, in order to activate the **service strip**:

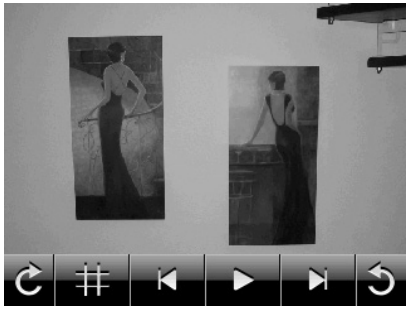


Fig.: Full image view with service strip

Button	Description
	Previous picture
	Turn it clockwise by 90° in stages
	Fade in grid
	Start the slide show Pause the slide show
	Turn it counter-clockwise by 90° in stages
	Next picture

You can return to the miniature view by tapping in the centre of the image.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

The image displayed will be subdivided into 6 fields by tapping on the symbol (fade in grid).

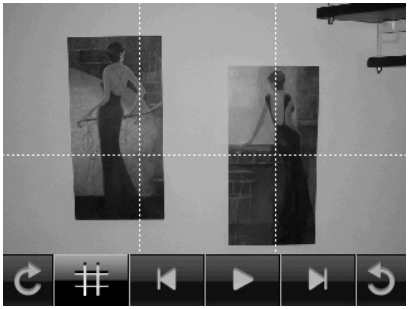


Fig.: Full image mode with grid

Tap on a square in the grid to zoom in on that area of the picture:

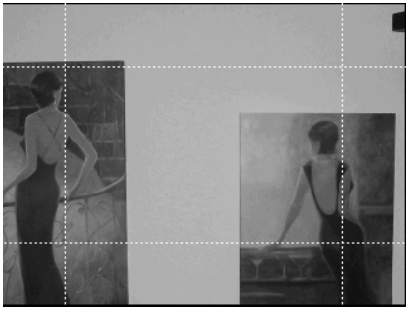


Fig.: Zoom-in Mode

Tap on the centre of the image to go back to viewing the full picture.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Travel Guide

Your navigation system is equipped with a **Travel Guide**. The Travel Guide will supply general information about the different areas of individual towns and cities or regions in Europe, such as sights, restaurants, culture and travel information.

Start the Travel Guide from '**Other applications**' Menu by tapping on the **Travel Guide** switch.

Select the **country** initially, then the **town** or **city** (or the **region**). Then, select the category.

Step 1

Step 2

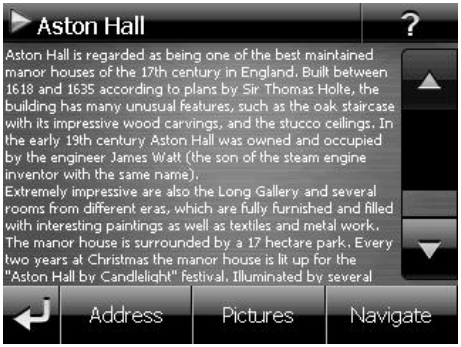
Step 3

Step 4

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Step 5

Step 4


Aston Hall
?
Aston Hall is regarded as being one of the best maintained manor houses of the 17th century in England. Built between 1618 and 1635 according to plans by Sir Thomas Holte, the building has many unusual features, such as the oak staircase with its impressive wood carvings, and the stucco ceilings. In the early 19th century Aston Hall was owned and occupied by the engineer James Watt (the son of the steam engine inventor with the same name).
Extremely impressive are also the Long Gallery and several rooms from different eras, which are fully furnished and filled with interesting paintings as well as textiles and metal work.
The manor house is surrounded by a 17 hectare park. Every two years at Christmas the manor house is lit up for the "Aston Hall by Candlelight" festival. Illuminated by several
Address
Pictures
Navigate

Step 7

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Confirm with

, if you want to navigate to the destination displayed. The address will then be available to the navigation software as the destination
The address will then be available to the navigation software as the destination.

Button	Description
	Previous image
	Shows the address of the selected category
	Shows the available photos of the selected category
	Tap on this switch to navigate to the selected address directly.

Note

You will be able to vary the potential selections within the Travel Guides according to the software capacity.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

AlarmClock (Waking function)

Your navigation system is equipped with an **AlarmClock/ Waking function**.

Start the Alarm Clock from **'Other applications'** Menu by tapping on the **Alarm Clock** switch.

The waking function can work both as normal when the device is switched off (Standby Mode / Power Saving Mode) and as a reminder during the current navigation.

Overview of the main screen

This view will appear if you have not yet set up a waking time. Enter an alarm time in the **24-hour format** and confirm your entry with .

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Description of the Interfaces

Button	Description
	Current system time
	Setting-up mode (Setting volumes, system time and alarm)
	Night mode (Standby mode)
	Reset/deactivate the waking function
	Setting the alarm time
	Delete the entry
	Confirmation interface
	Reduce / increase the volume
	Back to the previous menu
	Close the application

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Setting the System Time

The display of the current time will be located in the upper right corner of the screen. You can adjust it as follows:

1. Tap on Settings in the main screen. The following screen will appear:

2. Tap on to change the time setting:

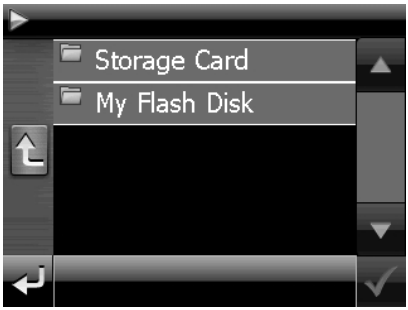
Note

The system time is updated by GPS reception. Pay attention to the time zone settings.

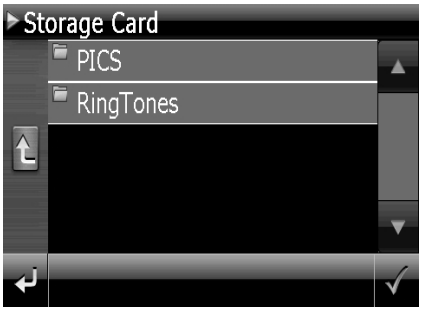
UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Selecting an Alarm Signal

1. To select an alarm signal touch the symbol.



2. Select the required directory and confirm it with .
3. Tap on the corresponding directory in the list in the memory card and confirm again with , if you would like to select an alarm tone from your memory card.



4. Select the desired alarm sound and confirm the selection with .

5. The selected alarm signal is marked by a .

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

6. Close the application with .

Setting the Volume

You can adjust the volume of the alarm signal by tapping on the interface.

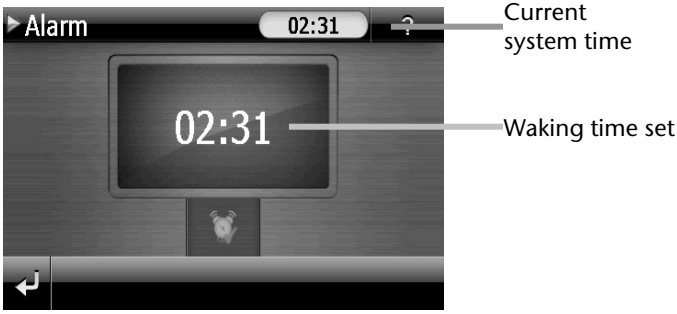
> **Note**
>
> The volume configured here only relates to the alarm signal and will not change the volume of the language output of the navigation system or other functions of the system.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Snooze Function

You will have the possibility of making the waking signal repeat **at regular intervals** by means of the Snooze function, once it has sounded at the alarm time set.

1. Tap on to activate the Snooze function.



2. End the Snooze function with the switch, to be awoken at the respective time entered on the following day. You will leave the alarm display and return to the view before the alarm time if you click on ..

Ending the Alarm Clock Application

1. Tap on to deactivate the alarm time set.
2. You will find yourself in the Setting-up mode.
3. Tap on in order to leave the application. An alarm time is not set.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Sudoku

Your navigation system is equipped with the game **Sudoku**.

Start the game Sudoku from '**Other applications**' Menu by tapping on the **Sudoku** switch.

Sudoku is a number puzzle. The puzzle area is square and subdivided into nine sections. Each section consists of 9 smaller squares.

When playing Sudoku, the **aim** is to fill all the 81 number fields using the numbers 1-9. Each number must only appear once in each section at the same time. Each number must only appear once in each row and column.

Some number fields will already have been populated prior to the start of the game.

Main Screen

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Description of the switch fields

Button	Description
	Start a sudoku game
Show instructions	You will receive information about solutions by tapping on this switch. Tap on the switch again to hide the information.
Show solution	You will receive the solutions of the number fields by tapping on this switch. Tap on the switch again to hide the solutions.
New	A new sudoku game will open by tapping this switch.
Settings	**Settings** You will have the following possibilities in the Settings Menu: The current game will be stored by tapping on this switch. You will load a started game onto the screen by tapping on this switch. Delete Delete a stored game You can set the level of difficulty here. Back to the current game.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Overview of the game area

Description of the switch fields

Button	Description
	Strip of numbers to be entered Strip for the selection of the numbers to be entered in the number fields. The selected number will stand out and it will now be possible to enter it into a number field.
	Entry mode First, tap on the number in the strip of numbers to be entered that should appear in particular number field and then on the corresponding number field.
	Deletion mode Tap on the number to be deleted.
	Leave the application by means of this field.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

FAQ

Where can I find more information on the navigation system?

Detailed operating instructions for navigation can be found on the DVD, which accompanies your navigation system.

Also use the additional Help functions that are available with a single touch of a button (usually F1 on the PC), or by selecting the Help option, as additional assistance. These aids will be provided to you while you are using the computer or the device.

What do I need the accompanied DVD for?

The DVD contains:

- the ActiveSync® program for balancing data between the navigation system and the PC.
- Additional programs (optional).
- This User manual in digital form.
- digital maps
- PC-application for rapidly resetting the data material
- Manual of the navigation software

The navigation system is no longer responding. What should I do?

Carry out a reset (see page 21).

How can I adjust the lighting?

Under Settings.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Customer Service

Faults and Possible Causes

The navigation system no longer reacts or is behaving atypically.

- Carry out a reset (see page 21).

The navigation system is recognized only as a guest by ActiveSync®.

- See information on page 55.

The GPS receiver cannot be initialized or found.

If a GPS signal continues not to be reported on the screen, in spite of the correct installation of the system, this can be caused by the following factors:

- Sufficient satellite reception is not possible.
  Solution:
  Change the position of your navigation system and ensure that unrestricted "sight" of the aerial is not impaired.

No language statements can be heard.

- Check the volume setting.

Additional Support

If the suggestions in the above section have not solved your problem, please contact our customer service hotline. However, before you contact your customer service hotline, please have the following information available:

- How is your navigation unit configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?
- If you have been given a customer number previously, please give this number to the technician.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Appendix

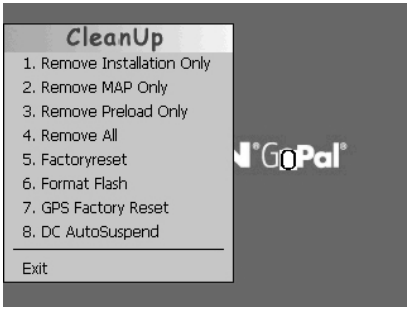
Special CleanUp Function

The CleanUp function serves the targeted deletion of data, without using a PC.

> **Note**
>
> Please use this function very carefully, because it is possible for data to be deleted that can only be entered again manually afterwards.

The CleanUp function is activated when the ‘o’ is pressed in the Gopal lettering of the Main Menu, immediately after the start tone following a reset.

The CleanUp function offers 9 options:



1. Remove Installation Only

Removes the software installed from the **‘My Flash Disk’** memory [= part of the permanent memory in which the executable parts of the navigation software will be located following the initial alignment (\My Flash Disk\Navigation)].

2. Remove MAP Only

Removes the digital maps from the **‘My Flash Disk’** memory (\My Flash Disk\MapRegions).

3. Remove Preload Only

Removes the data needed for the installation of the navigation software from the permanent memory (\My Flash Disk\Install).

4. Remove All

Deletes the whole contents of the **‘My Flash Disk’** memory. It will not be necessary to recalibrate the screen after this function has been carried out.

5. Factoryreset

Sets the device back to the delivery status in the case of an intact main installation.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

6. Format Flash

Formats the internal **'My Flash Disk'** memory. This formatting can be necessary in the case of a prolonged removal of errors. It will be necessary to recalibrate the screen after the formatting function has been carried out. All data will be deleted from the internal **'My Flash Disk'** memory irrevocably.

7. GPS Factory Reset

Performs a factory reset of the GPS receiver. When using the GPS function after having performed a factory reset, the GPS receiver must orientate itself again. This process may take a while.

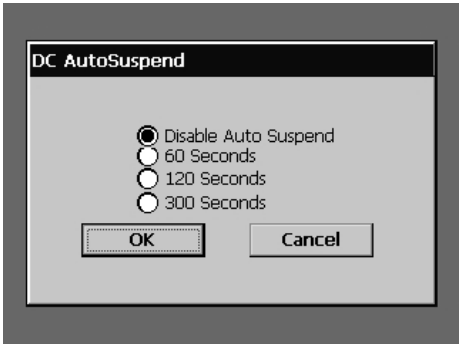
8. DC AutoSuspend /Wakeup

You can select here when your navigation system should go into Standby mode automatically after the withdrawal of the external power supply. For example, this function is useful in the case of vehicles where the cigarette lighter also switches off when the ignition is switched off.

The AutoSuspend function will be activated several seconds after the discontinuation of the external power supply and the Standby display will appear for the time set (see Page 15).

The DC AutoSuspend function will be deactivated again if the power has been reconnected within the total period (in the case that the engine has been switched off for a short time, for example). Otherwise, the navigation system will go into the Standby mode after the expiry of the time set.

Set the required time by tapping on it and confirm your selection with **OK**.



Note

This function is deactivated and can be set individually in the status at delivery and after a hard reset (see Page 22).

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Exit

Leaving the CleanUp function and restarting the device (like reset).

> **Note**
>
> The deletion of the data must be confirmed before the action actually takes place. To do this, press on YES. There will be a corresponding report if the data to be deleted is no longer available.
> Please read the **"Transferring Installation Files and Map Material to the Internal Memory"** chapter on Page 61, in order to recreate the files (installation files and map material) in the internal memory.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Synchronisation with the PC

I. Installing Microsoft® ActiveSync®

In order to transfer data between your PC and your navigation system you need the Microsoft® ActiveSync® program. The cost of the navigation system includes a license for this program which can be found on the DVD.

> **Note**
>
> You will not need the ActiveSync® communications software, if you are a user of the Windows Vista/Windows® 7 operating system. The system files necessary for the simple data transfer are already integrated into your operating system.
>
> Please connect your device to your PC with the help of the USB synchronization cable. The necessary drivers will be installed automatically, after the new device has been found. Your new device will be listed under the 'Portable Devices' point in the Windows Explorer overview, following a successful installation.
>
> **Attention!**
>
> Important files can be overwritten or changed during the installation of software. You should create a hard disk backup, in order to be able to have access to the original files in the case of possible problems following the installation.

You must have administrator rights to install the software under Windows® 2000 or XP.

> **Important**
>
> You should not connect the navigation system to your computer yet.

1. Insert the DVD and wait until the program starts automatically.

> **Note**
>
> If it does not function, the Auto Run function is probably deactivated. The Setup program on the DVD must be started, to start installation manually.

2. Choose the language, tap then **Install ActiveSync®** and follow the instructions on the screen.

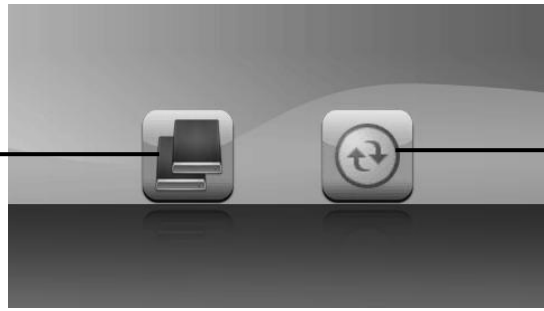
> **Note**
>
> When installing the GoPal Assistant, ActiveSync® will be installed automatically.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

II. Connecting with the PC

1. Press the On/Off button to start your navigation system.
2. Connect the USB cable to your navigation system.
3. Push the USB connector into a free USB port on your computer.

The following screen will appear after the navigation system has been connected:



Note

The ActivSync® Mode will be loaded automatically after a few seconds if no mode has been selected.

4. Select the required mode:

Mass Storage Mode

You will be able to use your navigation software as a removable disk (as a USB stick, for example) in the Mass Storage Mode. Two drives will be connected to do this: the internal memory of the navigation system itself and the (optional) memory card, provided that it has been inserted into the device.

Note

No additional entries can be made on the device at the same time, if you are in this Mode. Use the 'Remove hardware safely' function of your operating system to protect yourself against the loss of data. Then detach the cable from your navigation system.

The Hardware Installation Assistant will now recognize a new device and will install a suitable driver. This can take several minutes.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

ActiveSync® mode

Repeat the search for a connection if it has failed the first time, if you have selected the **ActiveSync® Mode**.

Follow the instructions on your screen. The program will now set up a co-operation between your PC and the navigation software.

> **Note**
>
> The navigation system **must** have been recognized during the setting up in the ActiveSync® Mode, in order to be able to work with the GoPal Assistant.

Alternative possibility of charging the battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable.

No type of software or driver installation will be necessary for this. Do not interrupt the charging process if possible during the initial charge.

> **Note**
>
> The brightness will be adjusted downwards, if necessary, if a USB connection is being set up when the device is switched on.
>
> It is recommended to set the device to the stand-by mode, in order to shorten the charging time by USB.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

III. Working with Microsoft® ActiveSync®

ActiveSync® will be started automatically if you connect your navigation system to the PC. The program will check whether the device is one with which a partnership has been entered. If this is the case, the changes that have taken place on the PC and on the navigation system since the last synchronisation will be compared and adjusted to each other. You will be able to define exactly which data will have priority during the synchronisation in the settings of the ActiveSync® Program. Call up the Help of the Program (with the F1 Button), in order to become familiar with the effects of the respective settings. A restricted **Guest Access**, with which you will be able to exchange data, for example, will become active automatically if the navigation system has not been recognised as a partner. If this is the case, although the process concerns the registered partner device, separate your navigation system from the PC and switch it off and on again. Now connect your navigation system to the PC, to restart the recognition process. Repeat the process and, restart your PC in addition, if your device continues to be recognised as a guest.

> **Note**
>
> Make sure that you always connect your navigation system to your PC with the same USB connection, otherwise your PC will allocate an additional ID and reinstall the device.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

GPS (Global Positioning System)

GPS is a satellite-backed system for determining your position. With the help of 24 satellites revolving around the earth, it is possible to determine your position on earth with the accuracy of a few meters. The satellite signals are received by the antenna of the built-in GPS receiver, which must have a "line of sight" to at least 4 of these.

> **Note**
>
> When the line of sight is interrupted (eg in tunnels, between houses, in woods or also in vehicles with metal-coated windows) it is not possible to determine the position. The satellite reception however automatically picks up again as soon as the obstacle has been passed and the line of sight is re-established. Moving slowly (e.g. slow walking) also limits the accuracy of the navigation.

The GPS receiver consumes additional power. This is especially of concern when running on batteries. To conserve power do not turn on the GPS receiver unnecessarily. Also terminate the navigation software if it is not needed or satellite reception is not possible for a longer period. You can also switch the device off by means of the On/Off switch if you experience a short interruption in your journey, pressing the same switch again will reactivate a restart. The GPS receiver will also be reactivated at the same time, if the navigation software is still active. There may be a delay for the position to be updated again; this is dependent on the reception situation.

> **Note**
>
> Please note that your appliance is preset to not shut down automatically after a few minutes without activity. You can change this preset in the Settings mode. If the GPS receiver has not been active for some hours, it must orientate itself again. This process may take a while.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

TMC (Traffic Message Channel)

The **Traffic Message Channel** (**TMC**) is a digital radio data service that functions in a similar way to RDS and is used to transmit disruptions to traffic to a suitable reception device.

The traffic information is continuously transmitted across FM.

The user is less dependent on the half-hourly broadcast traffic information, because the signal is continuously transmitted. Apart from this, important information, as in the case of an accident in the road ahead, can be passed on immediately.

The transmission is planned for the whole of Europe and is already offered by radio transmitters in many countries. The precision of the TMC messages can deviate greatly according to the country. At time of printing a TMC service is not available in Ireland.

The evaluation of TMC messages is not supported by every type of navigation software. Enquire whether your system supports TMC before the possible purchase of a TMC receiver.

In Austria, the TMC traffic messages are made available by the TMCplus service. TMCplus stands for an even faster and more efficient passing on of traffic messages. It is a co-operation between ASFINAG and the Hitradio Ö3 radio broadcaster.

Pay TMC

PayTMC is interpreted as TMC Services that offer TMC information free of charge, such as TMCpro in Germany, Trafficmaster in the UK or V-Trafic in France, for example. These providers are distinguished from normal 'free TMC' because of more up-to-date information about the traffic flow.

Sensors in motorway bridges and set into the carriageway, and a large number of vehicles equipped with 'floating car' data technology, supply a more precise and up-to-date picture of the traffic situation on German highways, inc. possible predictions, quickly.

The licence fees for the use of the PayTMC services will have already been settled with the purchase of your navigation system and these services will be available to you for as long as they are offered on the part of the provider.

Your navigation system will support both free TMC and PayTMC and will have been preset for the reception of both services in the status at delivery.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Connecting an additional TMC Dipole Aerial (optional)

A TMC receiver and an active TMC dipole aerial are already integrated into your navigation system, to receive traffic information. However, if the TMC signal is too weak, you have the possibility to connect an addition TMC dipole antenna.

1. Plug the jack plug of the TMC angled aerial into the earphone connection of your navigation system.
2. Attach the aerial, on the edge or your windscreen, for example, with the help of the sucker.
3. Place the aerial so that a distance of approx. 10 cm from the metal frame of the screen is maintained.

Your navigation system will now be able to receive traffic information through the TMC receiver and thus direct you away from disruptions to traffic.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Working with Memory Cards

Inserting Memory Cards

1. Carefully take the **optional** memory card out of its packing (if included). Take care not to touch or dirty the contacts.
2. Insert the memory card carefully into the card bay with contacts pointing forward. The card must lock easily.

Removing Memory Cards

> **Note**
>
> Only remove the memory card if the navigation software has been closed and the device has been switched off by means of the On/Off button beforehand. Otherwise you will risk a loss of data.

1. To remove the card press lightly onto the upper edge until it ejects.
2. Pull the card out without touching the contacts.
3. Store the memory card in the packing or in another safe location.

> **Note**
>
> Memory cards are very fragile. Take care not to dirty the contacts and not to force the card.

Accessing Memory Cards

- The appliance only supports memory cards in the FAT16/32 file format. If you insert a card prepared with a different format (e.g. in cameras, MP3 players), your navigation system may not recognize it and will ask you to format it again.

> **Attention!**
>
> Formatting the memory card irretrievably wipes out all data.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Data Exchange via Card Reader

If you wish to copy large quantities of data (MP3 files, navigation maps) to the memory card, these can also be stored directly to the memory card.

Many computers already have memory card devices. Insert the card into your computer and copy the data directly to the card.

Because of the direct access you can achieve a much higher transfer rate compared to using ActiveSync®.

Additional Card Material

Your navigation system is already equipped with digitalized map material in the internal memory and/or memory card at the factory. Depending on the configuration, additional maps may be included on your DVD. You will be able to transfer these cards to a memory card immediately. It is recommended that you use an external card reader (see also page 60). The GoPal Assistant supplied with the device enables a simple and individual compilation of the map material to be transferred.

Depending on the amount of map data on the DVD, memory cards with capacities of 256 MB, 512 MB, 1.024 MB or more may be required.

You can obtain additional memory cards in specialist stores.

Transfer of card material to a memory card

The transfer of additional card material to a memory card can take place through Explorer on your PC via the following steps:

1. Insert the DVD with the card material required.
2. Start your workstation and select your DVD Drive.
3. Copy the file with the **.psf** ending out of the Directory of the region that you require to the **MapRegions** Directory on your memory card, from the DVD.

You can transfer several files with map material to your memory card, depending on the capacity of the memory card.

If you have copied digitized maps of several countries or country groups onto your memory card, you will be required to select the desired map in the navigation application of your device.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Alternate method of installing Navigation Software (using a Memory Card)

The software for your navigation system can be installed directly from a memory card.

The pre-installed software may have to be uninstalled beforehand (see special Clean Up function, Page 49).

You will be requested to install the navigation software during the initial adjustment. Please proceed as follows:

1. Remove the memory card from the packaging carefully. Ensure the contacts are not touched or soiled.
2. Push the memory card into the corresponding slot until it engages.
3. Tap on **OK**, in order to install the application.

The main screen, through which you will now be able to carry out the navigation settings, will appear after all data has been copied to your navigation system.

Transferring Installation Files and Map Material to the Internal Memory

> **Note**
>
> The navigation system must be connected to a computer by means of ActiveSync® for the transfer of the data.

Your device has an internal, permanent memory, which is located in the **My Flash Disk** directory.

You will be able to make this directory, and others, visible with ActiveSync®, by means of the **Search** option. Directories and files can be manipulated as in Windows Explorer.

The required directory must have been stored, in order to make the installation files and the map material for the device available.

Deposit the **INSTALL** directory for the installation files at (\My Flash Disk\INSTALL). Deposit the map material in the **MapRegions** directory (\My Flash Disk\MapRegions). Please pay attention to the modes of lettering given above when naming the directories.

Pay attention to the fact that sufficient drive capacity must be available, if you have stored additional data on your navigation device. Remove files not needed if sufficient drive capacity is not available.

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Specifications

Parameter	Information	
Power supply Power supply cable for a cigarette lighter **Input** **Output**	**CA-051-00U-00 / CA-0511MH-2F (Mitac)** 12-24V DC, 800mA / fuse 2A (T2AL/250V) 5V / 1A (max.)	
Battery	Li-Ion, 3.7 V	
Earphone connection	For stereo earphones (2.5 mm)	
Memory card type	Micro SD	
USB interface	USB 2.0	
Dimensions	approx. 100 mm x 79 mm x 19,5 mm	
Weight incl. battery	approx. 130 g (without packaging)	
Temperatures	Operating	+32°F - +95°F (+0° C - +35° C)
	Storage	-4°F - +140°F (-20°C - +60°C)
Humidity (without condensation)	10 – 90 %	

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

Index

A

Accessing Memory cards 59
Additional card material.....60
Aerial orientation 25
Alarm Clock (Waking function)
  Ending the application.....43
  Interfaces 39
  Main screen 38
  Selecting an alarm signal 42
  Setting the volume 42
  Snooze function.....43
Alternative installation of the navigation software from a memory card 61
Ambient temperature 2
Auto run 52
Auto start.....52

B

Battery Operation 4

C

Cabling.....3
Card reader.....60
Care of the Display 5
Cleaning.....4
CleanUp 16, 49
Customer service 48

D

Data exchange.....60
Data Security 1
DC AutoSuspend 50

E

Earphone connector 9
Electromagnetic Compatibility.....3
EMC 3

F

FAQ 47

G

GPS 56

H

Hard Reset..... 22
Hotline..... 48

I

Initial set up
  Charging the battery 11
  Installing the navigation software .. 14
  Power supply 12
  Switching on the device 13

L

Loudspeaker 9

M

Memory cards 59
Microsoft® ActiveSync® 52
Mini-USB-Connector 9
Mounting the car holder 25

N

Navigation
  Attaching the navigation system 26
  Mounting the car holder 25
  Safety instructions..... 23
  Starting the navigation software..... 28

O

On/Off switch 10
Operating
  Switching on/off the device..... 15
Operating Environment 2

P

Password 16
Pay TMC 57
Picture Viewer
  Main screen 32
  Operation 32

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)

R
R&TTE 4
Recycling and Disposal 5
Repair 2
Resetting the navigation system
Hard Reset 21
Soft Reset 21

S
Safety and Maintenance 1
Safety instructions
Navigation 23
Connection 3
Ambient temperature 2
Data security 1
Operating environment 2
Repair 2
Cabling 3
Battery operation 4
Maintencance 4
Care of the display 5
Transport 6
Security 16
Faults and possible causes 48
Hotline 48
Specifications 62
Standards
R&TTE 4
Starting the navigation software 28
Sudoku
Description of the switch fields 46
Main screen 44
SuperPIN 18, 19
Supplied Items 7
Synchronisation with the PC 52

T
TMC 57
Touch Screen 8
Transfer of card material to a memory card 60
Transferring Installation Files and Map Material to the Internal Memory 61
Transport 6
Travel Guide 35

U
UUID ..... i, 18, 19

V
Views
Back components 9
Front components 8

W
Warning function for traffic monitoring points 29

UK/ N. IRELAND HELPLINE 0871 3761020
REP. IRELAND HELPLINE 1-800-992508
(calls are charged at 7p per min from a standard landline, calls from mobiles could be higher)